Substitute for form 1449B/PTO

PTO/SB/08b 030 PO 20

Approved for use through 04/30/2003. OMB 0651-0051

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE to a collection of information unless it contains a valid OMB control number.

aperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

1

INFORMATION DISCLOSURE

(Use as many sheets as necessary)

STATEMENT BY APPLICANT

Sheet of

C mplete if Known				
Application Number	09/614,427			
Filing Date	July 12, 2000			
First Named Inventor	Henry Schellhorn			
Art Unit	3624			
Examiner Name	Narayanswamy Subramanian			
Attorney Docket Number	250/271; 21039-7090			

Examiner	Examiner Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal,						
Initials* No. serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published							
N.J	BARRAQUAND, J., "Numerical Valuation of High Dimensional Multivariate European Securities," Management Science, Vol. 41, No. 12 (December 1995), pp. 1882-1891.						
Λ	2	BRATLEY, P. et al., "Algorithm 659 - Implementing Sobol's Quasirandom Sequence Generator," ACM Transactions on Mathematical Software, Vol. 14, No. 1 (March 1988), pp. 88-100.					
	3	CAFLISCH, R.E. et al., "Valuation of Mortgage-Backed Securities Using Brownian Bridges to Reduce Effective Dimension," Journal of Computational Finance, Vol. 1, No. 1 (1997), pp. 27-46.					
	4	CARVERHILL, A. et al., "Quicker on the Curves," Over the Rainbow - Developments in Exotic Options and Complex Swaps, Risk Publications (1995), pp. 325-327.					
	5	FISHMAN, V. et al., "Hybrid Low-Discrepancy Sequences: Effective Path Reduction For Yield Curve Scenario Generation," The Journal of Fixed Income, Vol. 7, No. 1 (June 1997), pp. 75-84.					
	6	HULL, J. et al., "Finding the Keys," Over the Rainbow - Developments in Exotic Options and Complex Swaps, Risk Publications (1995), pp. 215-218.					
	7	JOY, C. et al., "Quasi-Monte Carlo Methods in Numerical Finance," Management Science, Vol. 42, No. 6 (June 1996), pp. 926-938.					
	8	KURUGANTI, I. et al., "Importance Sampling For Markov Chains: Computing Variance and Determining Optimal Measures," Proceedings of the 1996 Winter Simulation Conference, pp. 273-280.					
9		MOROKOFF, W. et al., "Quasi-Random Sequences and Their Discrepancies," SIAM J. SCI. COMPUT., Vol. 15, No. 6 (November 1994), pp. 1251-1279.					
	10	NEWTON, N.J., "Variance Reduction for Simulated Diffusions," SIAM J. APPL. MATH., Vol. 54, No. 6 (December 1994), pp. 1780-1805.					
	11	OWEN, A.B., "Monte Carlo Variance of Scrambled Net Quadrature," SIAM J. NUMER. ANAL., Vol. 34, No. 5 (October 1997), pp. 1884-1910.					
\bigvee	SPANIER, J. et al., "Quasi-Monte Carlo Methods for Integral Equations," Proceedings of a Conference at the University of Salzburg, Austria, July 9-12, 1996 (1998), pp. 398-414.						
NJ	13	SPANIER, J. et al., "Quasi-Random Methods For Estimating Integrals Using Relatively Small Samples," SIAM REVIEW, Vol. 36, No. 1 (March 1994), pp. 18-44.					
			T				

Examiner Signature	N. Lesboaman	Date Considered 10/31	103	

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to compete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.